Datasheet for 600-401-GD3

ZFP219 Antibody

Overview

Description:	Anti-ZFP219 (RABBIT) Antibody - 600-401-GD3
Item No.:	600-401-GD3
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	ZFP219 is a developmentally regulated member of the Kruppel-like zinc finger gene family that is thought to function as a transcriptional repressor. Yeast two-hybrid screening showed association with Sox9, a transcription factor that is essential for chondrogenesis. ZFP219 is specifically expressed in the developing limb buds and colocalizes with Sox9 in the nucleus. Knockdown of ZFP219 expression decreased Sox9-induced mRNA expression, and a dominant-negative mutant of ZFP219 inhibited Bmp2-induced chondrocyte differentiation, suggesting that ZFP219 plays an important role as a transcriptional partner of Sox9 in the regulation of chondrocyte differentiation.
Synonyms:	ZFP219 Antibody, ZFP219, Zinc finger protein 219
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	ZNF219
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-ZFP219 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid synthetic peptide near the N-terminus of human ZFP219.

Purity/Specificity:	Anti-ZFP219 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least two isoforms of ZFP219 are known to exist; this antibody will recognize both.
Relevant Links:	• UniProtKB - Q9P2Y4 • GeneID - 51222 • NCBI - NP_001095142.1

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-ZFP219 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 77 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	20 µg/mL
IHC:	5 µg/mL
WB:	1-2 µg/mL

Formulation

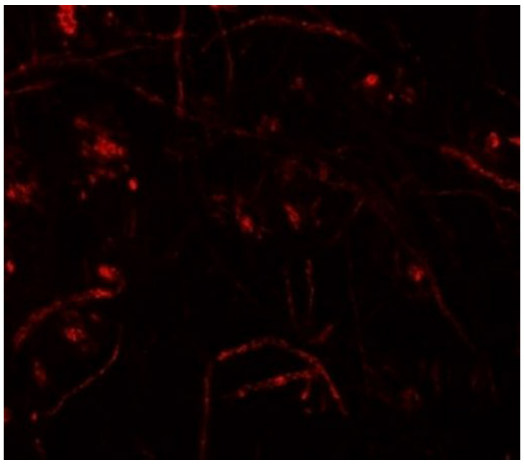
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

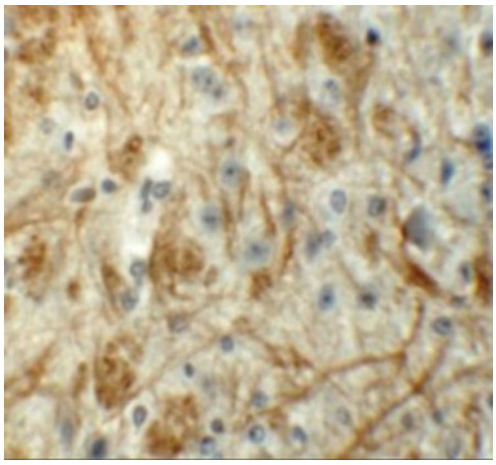
Shipping Condition:	Dry Ice

Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

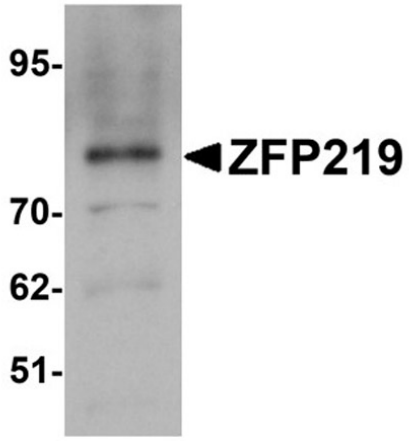
Images



Immunofluorescence Microscopy
Immunofluorescence of ZFP219.
Tissue: mouse brain tissue.
Primary Antibody: ZFP219 antibody at 20 µg/mL.



Immunohistochemistry
Immunohistochemistry of ZFP219.
Tissue: mouse brain tissue.
Primary Antibody: ZFP219 antibody at 5 µg/mL.



Western Blot
Western blot analysis of ZFP219.
Load: EL4 cell lysate.
Primary Antibody: ZFP219 antibody at 1 µg/mL.

Disclaimer